APPROVED | O.G. FIG. 24 Mar 98
BY | CLASS | SUBCLASS
DRAFTSMAN | 395 |

5845053

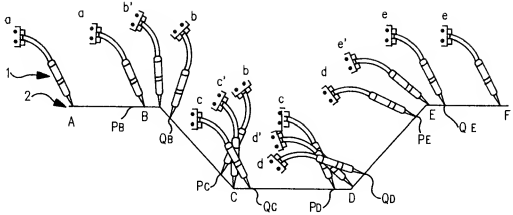


FIG. 1
PRIOR ART

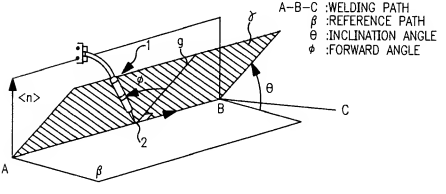


FIG. 3

APPROVED	O.G. FIG. 1A, 1D, 1C	
BY	CLASS	SUBCLASS
DRAFTSMAN	395	97

FIG. 2A

TEACH ROUGHLY BY JOG FEED ONLY POSITIONS A,B...F
WITHOUT PAYING ATTENTION TO THE ORIENTATION

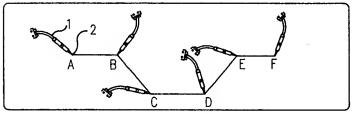


FIG. 2B

REFERENCE PLANE
INCLINATION ANGLE
FORWARD ANGLE
INPUT
WELDING ORIENTATION
AUTOMATIC CALCULATION

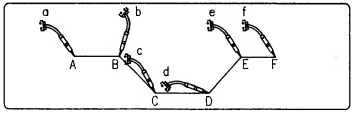
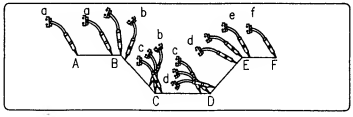


FIG. 2C

NUMBER OF ADDED POINTS
INTERVAL
INPUT
AUTOMATIC CALCULATION FOR SMOOTH
ORIENTATION CHANGE



ARC WELDING EXECUTION

APPROVED | O.G. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

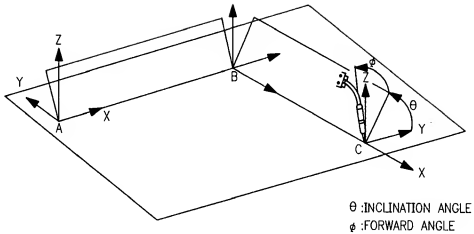


FIG. 4

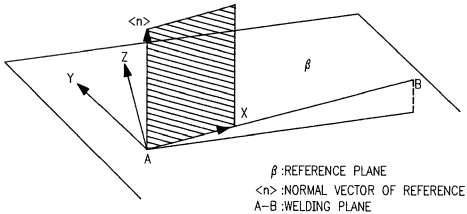


FIG. 5

APPROVED | O.G. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

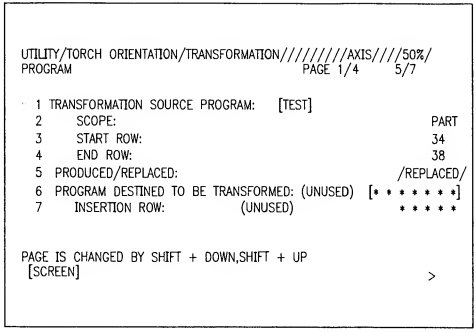


FIG. 6

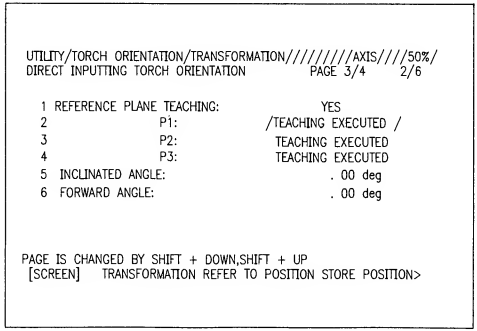


FIG. 7

APPROVED | O.G. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

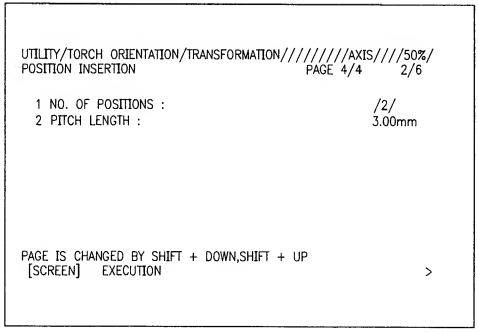


FIG. 8

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

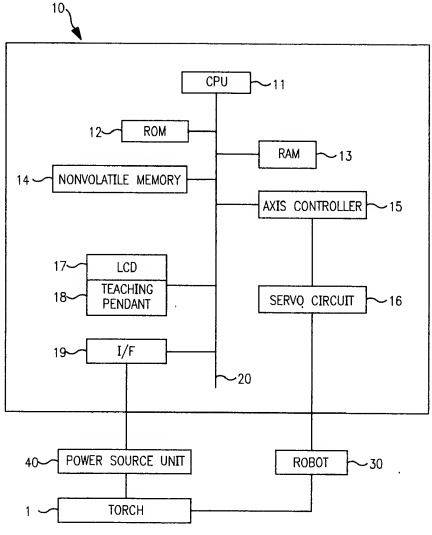


FIG. 9

APPROVED | O.G. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

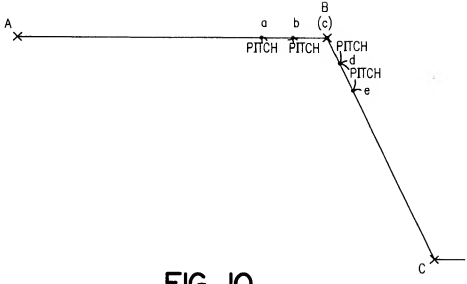


FIG. 10

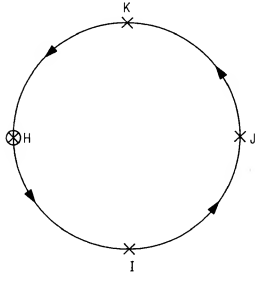


FIG. 11

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

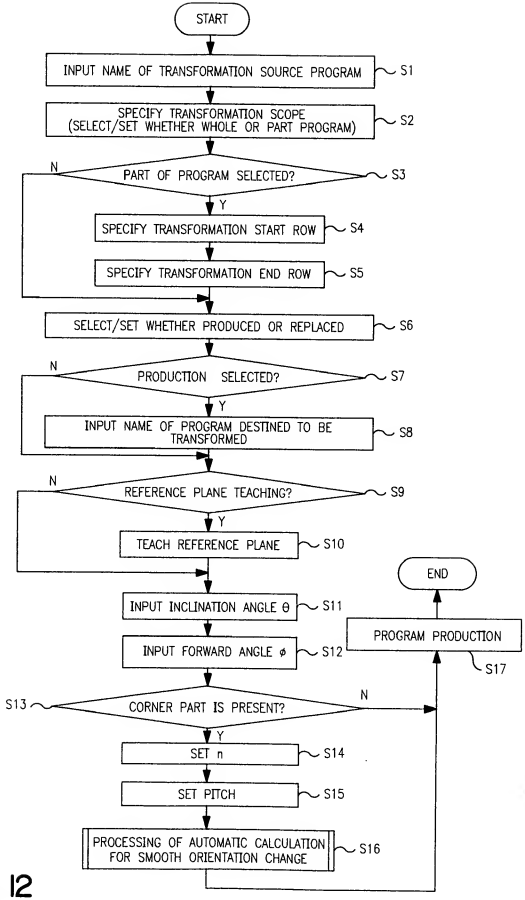


FIG. 12